![AVL logo] AVL Jacq3G
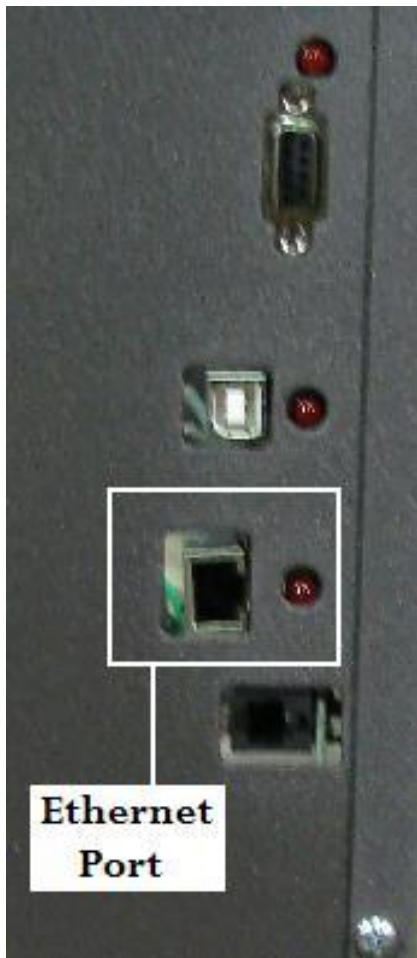
FIRMWARE UPGRADE

Purpose of Upgrade – To replace the Processor which contains the upgraded program that runs the loom.
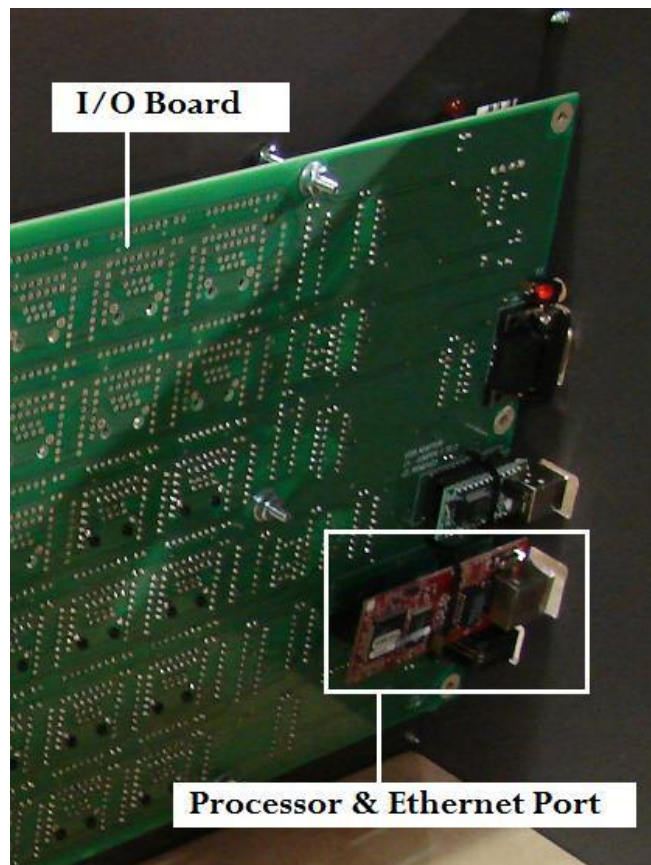
- Tools required for this upgrade
    - Phillips screwdriver - to remove the screws that secure the lid of the Control Box.
    - Snippers – to cut black plastic Tie-Strip that anchors the Processor to the I/O Board.

INSTRUCTIONS

1. Be sure the Power Source is turned off and unplugged.

2. Remove the lid from the Control Box.

3. Locate the Ethernet Port on the exterior of the Control Box and its location inside the Box (see Figs.1&2, below). The Ethernet Port is mounted on the Processor which you will change out.

Fig. 1 – Location of the Ethernet Port
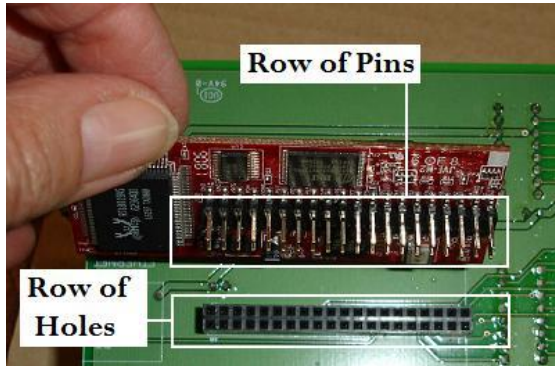

Fig2 – Location of the Ethernet Port and Board inside the Box.

4. Use your snippers to cut the black plastic Tie-Strip that anchors the Processor to the I/O Board and gently remove the strip from the Board.
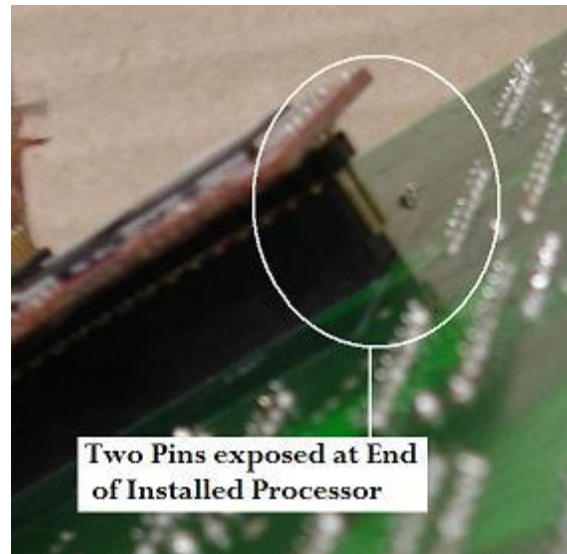
FIRMWARE UPGRADE

5. Grasp the Processor and gently pull it directly off the I/O Board on which it is mounted. Avoid pulling at an angle to prevent bending of the small pins attached to the Processor. Carefully set it aside, as you will be returning this Processor to AVL Looms.

5. Take up the Upgraded Processor and, positioning it with the Ethernet Port at its opening on the side of the Control Box, carefully place the Processor over the connection at the I/O Board (See Fig.3) and press it gently into place. Avoid pressing at angles and take extra caution to insure that all of the small pins are matched to the small holes at the connection. Should any pins be visible (See Fig.4) at the sides or ends of the Connection, pull the Board off, realign and press back into place.

Fig3 – Pins on Processor to Holes on I/O Board   *Fig.4 – Processor Pins Misaligned to Board Holes*

6. You have completed this Upgrade. Now, carefully wrap the used Board and, using the Box in which you received your Upgrade, return it to AVL Looms. Please return it to us at your very earliest convenience.

7. The Procesor is now held in place by the connection at the Pins but it is no longer held down by the black Tie-strip. Please exercise caution, on the occasion you must connect/unconnect your Ethernet port, to avoid undue stress on the Port and Processor.